



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/527,266

03/09/2005

Roland Haraldsson

ALBIHN W 3.3-458

2922

530 7590 09/27/2007

LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK
600 SOUTH AVENUE WEST
WESTFIELD, NJ 07090

EXAMINER

FENWICK, WARREN K

ART UNIT

PAPER NUMBER

2862

MAIL DATE

DELIVERY MODE

09/27/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/527,266

Applicant(s)

HARALDSSON ET AL.

Examiner

Warren K. Fenwick

Art Unit

2862

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 7/16/07.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2,3 and 6-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2,3 and 6-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. This Office Action is in response to applicant's amendments filed on 7/16/2007. Applicant's arguments have overcome the previous rejections, and thus the previous rejections are withdrawn. However, new rejections are applied below.
2. Examiner has acknowledged applicant's correction of title of the disclosure, as cited by the examiner in the first office action. Examiner has thereby withdrawn the objection previously cited in the first office action.

Response to Arguments

3. Applicant's arguments with respect to **claims 2, 3, 6** have been considered but are moot in view of the new ground(s) of rejection, presented below.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

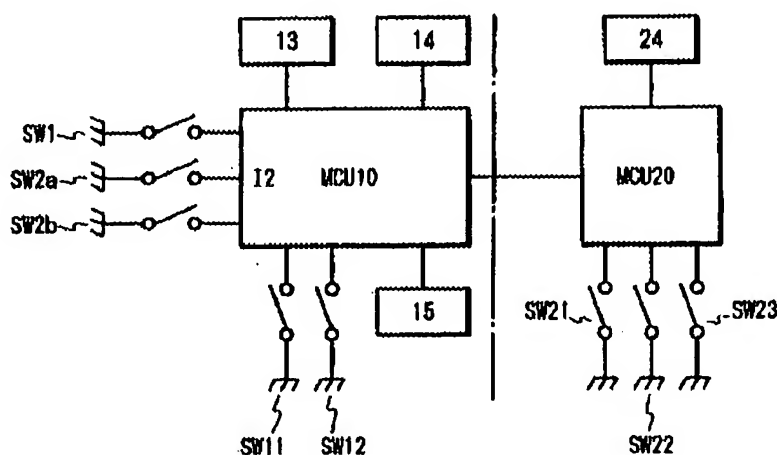
5. **Claims 2, 3, 6-14** are rejected under 35 U.S.C. 102(b) as being anticipated by Saegusa (U. S. Patent # 5,406,347).

Art Unit: 2862

6. Regarding **claim 2**, Saegusa discloses a camera body, wherein the accessory initiates a change in a system status through the second communication means **(column 11, lines 22-26)**.

7. Regarding **claim 3**, Saegusa discloses a camera body, wherein the accessory which has been detected via the second communication means initiates communication via the data bus between the control unit in the camera body and the accessory **(column 11, lines 22-26)**.

8. Regarding **claim 6**, Saegusa discloses an accessory for a camera body, in which the third communication means **(value varying means)** used by the control means to request initiation of change in the system status of the camera body and another accessory attached to the camera body **(column 11, lines 48-50)**.

FIG. 1

9. Regarding **claim 7**, Saegusa discloses a camera body for still photography comprising:

Art Unit: 2862

- an attachment site for electronically coupling with an accessory (**column 9, lines 14-16**);
 - a control unit (**Figure 1, element MCU10**) for controlling functions of the camera body and of the accessory, the camera body having at least two different system states (**column 2, lines 61-62**);
 - first communication means (**column 11, lines 20-21**) comprising a data bus for communicating between the camera body and the accessory (**column 3, lines 19-22**); and
 - second communication means (**column 11, lines 23-25**) for automatic detection of the attachment or removal of the accessory, the control unit of the camera body adapted for changing the system state through the second communication means; wherein the system state for the camera body is not altered during the automatic detection of the attachment or removal of the accessory.
10. Regarding **claim 8**, Saegusa discloses an accessory for a camera body comprising;
- accessory control unit (**Figure 1, element MCU20**) for controlling the functions of the accessory, the accessory having at least two system states;
 - means for connecting the accessory control unit to the data bus in the camera body (**column 3, lines 19-21**);

Art Unit: 2862

- means for identifying a type of accessory when coupled to the camera body regardless of the system state of the camera body (**column 10, lines 13-24**); and
- third communication means (**value varying means**) for connection to the second communication means of the camera body for monitoring by the camera body control unit a system state of the accessory, wherein the third communication means can be used by the accessory control unit to change the accessory system state (**column 11, lines 26-30**)

11. Regarding **claim 9**, Saegusa discloses an accessory for a camera body, in which the third communication means (**value varying means**) is a separate output having a high output state when the accessory is attached to the camera body (**column 11, lines 26-30**).

12. Regarding **claim 10**, Saegusa discloses an accessory for a camera body, in which the separate output is changed to a low output state when the accessory has gone through its internal start-up routine (**column 4, lines 50-55**).

13. Regarding **claim 11**, Saegusa discloses an accessory for a camera body, in which the means for control controls the third communication means (**value varying means**), which comprises a resistor for connection to a voltage supply and a transistor connected to ground (**column 11, lines 26-30**).

14. Regarding **claim 12**, Saegusa discloses a camera body, wherein the two system states include an off state and an on state (**column 3, lines 36-39**).

15. Regarding **claim 13**, Saegusa discloses an accessory, wherein the two system states include an off state and an on state (**column 4, lines 46-49**).

16. Regarding **claim 14**, Saegusa discloses a camera body, comprising:

- an attachment site for electronically coupling with an accessory (**column 9, lines 14-16**);
- a control unit (**column 2, lines 61-62**) for controlling functions of the camera body and of the accessory, the control body having an on state and an off state; and
- communication means for automatic detection of an attachment or removal of the accessory independent of the state of the camera body (**column 1, lines 37-44**).

Conclusion

17. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

18. § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

19. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

Art Unit: 2862

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Warren K. Fenwick whose telephone number is 571-270-3040. The examiner can normally be reached on Mon - Fri 8:30A to 6:00P, Eastern Time (GMT-5).

21. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick J. Assouad can be reached on 571-272-2210. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



WKF

William Perkey
Primary Examiner